

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-3. (Canceled)

4. (Currently Amended) A detachable metal sheet bend angle adjustment assembly comprising:

a lifter plate having a tapered bottom face and a through hole with a middle chamber;
a wedge plate having a tapered top face, a bottom face, a front side face defining and a side recess and a rear side face opposite the front side face,
a support plate having a top guide groove; and
an upper positioning frame having a rotary dial with an adjustment screw, a pushing coil spring, and
a ring spring installed within the middle chamber of the through hole in the lifter plate, wherein the bottom face of the wedge plate is slideably mounted to the support plate, such that the tapered top face of the wedge plate is in apposition to the tapered bottom face of the lifter plate and the side recess is configured to receive the adjusting screw of the upper positioning frame such that clockwise rotation of the adjusting screw advances the wedge plate and lifts the lifter plate and counterclockwise rotation of the adjusting screw in a second direction retracts the wedge plate and lowers the lifter plate, and
wherein the pushing coil is configured to engage the rear side face of the wedge plate opposite the rotary dial such the elasticity of the pushing coil spring counterbalances the force generated by the rotation of the adjusting screw.

5. (Currently Amended) The detachable metal sheet bend angle adjustment assembly of claim [[1]]4, wherein the support plate is secured to the positioning frame.

6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Currently Amended) The detachable metal sheet bend angle adjustment assembly of claim ~~[[8]]~~4, wherein the lifter plate moves in a vertical direction with respect to the positioning frame and the wedge plate moves in a horizontal direction with respect to the positioning frame.
10. (Canceled)
11. (Currently Amended) The detachable metal sheet bend angle adjustment assembly of claim ~~[[1]]~~4, further comprising a ring spring disposed within a through hole ~~having a mid-way chamber~~ bored through the lifter plate.
12. (Previously Presented) The detachable metal sheet bend angle adjustment assembly of claim 11, wherein a bolt secures the ring spring, which extends through the lifter plate to a threaded recess of the support plate.
13. (Canceled)
14. (New) The detachable metal sheet bend angle adjustment assembly of claim 4, further comprising graduated ruler marks corresponding to the rotation angle of the rotary dial.
15. (New) The detachable metal sheet bend angle adjustment assembly of claim 14, wherein clockwise rotation of the rotary dial 360 degrees corresponds to lifter plate movement of between 0.1 mm to 10 mm.